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COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 14, No. 51

WEEKLY REPORT

Week Ending December 25, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

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A CRYPTIC CASE OF MALARIA – NEVADA

A cryptic case of malaria was reported recently from Las Vegas, Nevada. The patient was a 47-year-old white man, who became ill on September 25, 1965. Shortly after the onset of illness he experienced daily rises in temperature to 104°-105° F., but there were no clinical signs pointing to a localized infection. The spleen was not palpable and several blood cultures yielded no growth. On October 6, however, malaria parasites were discovered in a peripheral blood film. A diagnosis of *Plasmodium vivax* malaria was made and this was confirmed subsequently at the Communicable Disease Center. The patient was treated with chloroquine and he became afebrile soon after the start of therapy. He had had no blood transfusions and denied taking drugs by injection.

The patient has lived in Las Vegas since June 1 where his residence is located three blocks from the downtown district. Prior to June 1, he had lived in Riverside, California for the preceding 12 years. In 1945, the patient was in India and was thought to have acquired

(Continued on page 434)

CONTENTS

A Cryptic Case of Malaria – Nevada 433
Current Trends – Malaria in the U.S.A. 1965 434
Epidemiologic Reports
Salmonellosis – New Jersey 435
Infectious Syphilis – November 1965–November 1964 . . . 435

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	51st WEEK ENDED		MEDIAN 1960 – 1964	CUMULATIVE, FIRST 51 WEEKS		
	DECEMBER 25, 1965	DECEMBER 19, 1964		1965	1964	MEDIAN 1960 – 1964
Aseptic meningitis	24	39	38	2,077	2,115	2,518
Brucellosis	8	13	7	249	396	396
Diphtheria	2	2	5	155	288	449
Encephalitis, primary infectious	24	50	- - -	1,852	3,170	- - -
Encephalitis, post-infectious	7	8	- - -	641	771	- - -
Hepatitis, infectious including serum hepatitis	561	743	898	32,958	37,158	42,049
Measles	2,762	3,252	3,511	262,071	485,019	425,602
Meningococcal infections	50	79	49	2,966	2,762	2,151
Poliomyelitis, Total	–	1	13	59	115	881
Paralytic	–	1	10	43	90	701
Nonparalytic	–	–	- - -	10	14	- - -
Unspecified	–	–	- - -	6	11	- - -
Streptococcal Sore Throat and Scarlet fever	6,712	10,417	6,728	381,790	387,809	310,985
Tetanus	3	–	- - -	273	266	- - -
Tularemia	2	8	- - -	238	321	- - -
Typhoid fever	5	11	8	441	447	619
Rabies in Animals	39	102	42	4,155	4,458	3,507

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	7	Rabies in Man:	1
Botulism:	18	Smallpox:	–
Leptospirosis:	64	Trichinosis:	107
Malaria: Colo.-2, Ky.-1	84	Typhus –	
Plague:	6	Murine:	26
Psittacosis: Tex.-1, Tenn.-1	50	Rky. Mt. Spotted: Md.-1	261
Cholera:	2		

A CRYPTIC CASE OF MALARIA – NEVADA

(Continued from front page)

malaria there; in 1953, he spent one-half day in Tijuana, Mexico. Otherwise, he has had no foreign travel.

No other cases of malaria, civilian or military, have been reported in either the Las Vegas or Riverside vicinity in the past three years. *Anopheles freeborni* is the principal malaria vector in the western United States and it has been shown to exist, in low density, in Las Vegas.

Since it is not possible, on epidemiologic grounds, to differentiate between a long delayed relapse of a *Plasmodium vivax* malaria or an occult introduction, this case has been classified a cryptic*.

*Terminology of Malaria and of Malaria Eradication. Report of a drafting committee, World Health Organization, Geneva, 1963, p. 32.

(Reported by Dr. Otto Ravenholt, Director of the Clark County District Health Department, Nevada; Dr. Theodore Jacobs, Attending Physician of the patient; and an EIS Officer).

CURRENT TRENDS
MALARIA IN THE U. S. A. 1965

Through December 23 case report forms documenting a total of 80 confirmed and presumptive cases of malaria occurring during this year in the United States had been received by the Parasitic Diseases Unit of the Communicable Disease Center. The age and sex distribution of these 80 cases is shown in Table 1 where it will be noted that 67 were in males; 51.3 percent of the total cases occurred in the 20-29 year age group.

Table 1
AGE AND SEX DISTRIBUTION OF CASES OF MALARIA
UNITED STATES, 1965*

Age Group	Male	Female	Total	Percent
0-9	2	3	5	6.3
10-19	7	4	11	13.8
20-29	38	3	41	51.3
30-39	6	2	8	10.0
40-49	3	1	4	5.0
50-59	3	–	3	3.8
60-69	1	–	1	1.3
70+	–	–	–	–
Unknown	7	–	7	8.8
Total	67	13	80	100

*Reported as of December 23, 1965.

There were 43 cases in civilians of whom six were Peace Corps workers and two were merchant seamen; the other 37 cases were in military personnel.

As the year progressed there was an increase in the proportion of military personnel among the cases reported by date of onset of the illness. During the four quarters of the year the increase was:

1st. Quarter	2nd. Quarter	3rd. Quarter	4th. Quarter
23.5%	35%	52%	56%

This increasing proportion of military to civilian cases is related to the return of service men who have been infected in Viet Nam.

Of the total of 80 cases, the distribution by species of parasite in 75 instances is shown in Table 2. The country of origin of 20 of the 80 cases reported was Viet Nam. In 10 of these 20 cases the parasite was *Plasmodium falciparum; P. vivax* was identified in 8 and the species was not identified in two.

Table 2
CONFIRMED CASES OF MALARIA BY SPECIES
UNITED STATES, 1965*

Species	Total	Percent
P. vivax	50	66.7
P. falciparum	18	24.0
P. malariae	5	6.7
P. ovale	2	2.7
Total	75	100

*Reported as of December 23, 1965.

(Reported by the Parasitic Diseases Unit of CDC).

EPIDEMIOLOGIC NOTES AND REPORTS

SALMONELLOSIS – New Jersey

Following a catered birthday party held on September 26 in a private house in northern New Jersey, 32 of the 43 guests who attended the party developed acute gastroenteritis. Nine of those affected were admitted to two hospitals in New York and these cases of food poisoning were reported to the New York State Department of Health which in turn notified the New Jersey Health Department. An epidemiological investigation followed.

The food for the party was provided mainly by a commercial catering establishment. In addition, the housewife herself prepared certain items in the home, and a birthday cake had been purchased from a bakery nearby. The food was laid out buffet style; the party started at noon and continued until 10:30 that evening. After the party at about 11 p.m., the host decided to have some more turkey but he noticed it had a bad odor and a bitter taste. The turkey was accordingly discarded and none was available later for laboratory examination.

All the guests who had attended the party were contacted by the staff of the New Jersey Health Department, either in person or by mail. Of the 32 guests who became ill, 22 required the care of a physician and 10 of these were admitted to hospital. It was not possible to define incubation periods, but the average time from leaving the party until the onset of symptoms was 13 hours. There was no age prediliction and the age range among those who were ill was from 4 years to 51 years. The median temperature recorded was 103°F, the range being from 101°F-106°F. Frequency of symptoms was abdominal pain, 94%; diarrhea, 88%; chills, 85%; headache, 85%; fever, 63%; nausea, 53%; and vomiting, 48%.

(Continued on page 440)

Table 3

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

NOVEMBER 1965—NOVEMBER 1964

CASES OF PRIMARY AND SECONDARY SYPHILIS: By reporting areas November 1964 and November 1965 - Provisional data.

Reporting Area	November		Cumulative Jan. - Nov.	
	1965	1964	1965	1964
NEW ENGLAND	44	39	439	442
Maine	-	-	2	6
New Hampshire	2	-	27	9
Vermont	2	-	4	3
Massachusetts	29	23	269	263
Rhode Island	3	4	21	17
Connecticut	8	12	116	144
MIDDLE ATLANTIC	414	397	4,434	4,984
Upstate New York	45	37	506	593
New York City	240	241	2,558	2,881
Pa. (Excl. Phila.)	11	12	171	166
Philadelphia	44	29	306	287
New Jersey	74	78	893	1,057
EAST NORTH CENTRAL	221	248	2,759	2,238
Ohio	33	55	584	526
Indiana	2	9	49	65
Downstate Illinois	11	10	187	138
Chicago	85	107	1,094	876
Michigan	87	58	770	564
Wisconsin	3	9	75	69
WEST NORTH CENTRAL	58	51	505	508
Minnesota	10	6	86	115
Iowa	8	5	43	33
Missouri	24	28	223	234
North Dakota	-	-	2	-
South Dakota	-	4	38	48
Nebraska	9	7	81	52
Kansas	7	1	32	26
SOUTH ATLANTIC	531	527	6,240	6,333
Delaware	2	6	51	81
Maryland	54	31	447	475
District of Columbia	31	35	449	662
Virginia	20	37	294	287
West Virginia	17	7	95	51
North Carolina	77	106	938	1,038
South Carolina	71	68	772	802
Georgia	72	85	996	1,054
Florida	187	152	2,198	1,883
EAST SOUTH CENTRAL	211	205	2,480	1,750
Kentucky	6	19	126	158
Tennessee	33	65	471	441
Alabama	115	71	1,322	824
Mississippi	57	50	561	327
WEST SOUTH CENTRAL	154	213	2,143	2,414
Arkansas	11	28	198	205
Louisiana	25	61	606	682
Oklahoma	4	13	101	135
Texas	114	111	1,238	1,392
MOUNTAIN	41	44	504	499
Montana	5	2	19	31
Idaho	2	1	9	7
Wyoming	-	-	9	8
Colorado	1	5	45	33
New Mexico	11	13	106	170
Arizona	16	21	245	205
Utah	2	-	17	11
Nevada	4	2	54	34
PACIFIC	159	272	1,852	2,130
Washington	7	7	63	71
Oregon	5	4	38	71
California	143	260	1,713	1,964
Alaska	-	-	7	9
Hawaii	4	1	31	15
U. S. TOTAL	1,833	1,996	21,356	21,298
TERRITORIES	78	54	804	805
Puerto Rico	76	52	780	778
Virgin Islands	2	2	24	27

Note: Cumulative Totals include revised and delayed reports through previous months.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 25, 1965 AND DECEMBER 19, 1964 (51st WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis						Diphtheria	
			Primary	Post-Inf.	Total Cases			Paralytic				
						Cumulative			Cumulative			Cum.*
	1965	1964	1965	1965	1965	1965	1964	1965	1965	1964	1965	1965
UNITED STATES...	24	39	24	7	-	59	115	-	43	90	2	155
NEW ENGLAND.....	-	-	1	-	-	-	2	-	-	2	-	2
Maine.....	-	-	-	-	-	-	1	-	-	1	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	1	-	-	-	-	-	-	-	-	2
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	1	-	-	1	-	-
MIDDLE ATLANTIC.....	3	5	7	1	-	5	15	-	4	13	-	6
New York City.....	1	-	2	-	-	1	2	-	-	2	-	3
New York, Up-State.	-	2	-	-	-	1	10	-	1	9	-	1
New Jersey.....	1	3	2	-	-	3	3	-	3	2	-	-
Pennsylvania.....	1	-	3	1	-	-	-	-	-	-	-	2
EAST NORTH CENTRAL...	3	5	5	3	-	2	24	-	2	17	-	7
Ohio.....	-	1	3	-	-	-	3	-	-	2	-	2
Indiana.....	1	1	-	-	-	-	9	-	-	6	-	2
Illinois.....	-	1	1	-	-	1	6	-	1	5	-	2
Michigan.....	2	2	1	3	-	1	3	-	1	2	-	-
Wisconsin.....	-	-	-	-	-	-	3	-	-	2	-	1
WEST NORTH CENTRAL...	1	1	1	-	-	12	10	-	8	8	-	21
Minnesota.....	-	1	-	-	-	1	3	-	1	2	-	7
Iowa.....	-	-	-	-	-	5	1	-	2	1	-	1
Missouri.....	1	-	1	-	-	1	4	-	-	3	-	1
North Dakota.....	-	-	-	-	-	-	1	-	-	1	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	9
Nebraska.....	-	-	-	-	-	4	-	-	4	-	-	2
Kansas.....	-	-	-	-	-	1	1	-	1	1	-	1
SOUTH ATLANTIC.....	3	2	2	2	-	1	32	-	1	25	1	40
Delaware.....	1	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	1	1	-	1	1	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	3
Virginia.....	-	1	1	-	-	-	4	-	-	4	-	-
West Virginia.....	-	-	-	-	-	-	1	-	-	1	-	-
North Carolina.....	-	-	1	-	-	-	12	-	-	7	-	4
South Carolina.....	-	-	-	-	-	-	1	-	-	1	-	2
Georgia.....	-	-	-	-	-	-	3	-	-	3	1	22
Florida.....	2	1	-	2	-	-	10	-	-	8	-	9
EAST SOUTH CENTRAL...	2	1	-	-	-	4	6	-	2	5	-	31
Kentucky.....	2	-	-	-	-	1	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	2	3	-	1	2	-	2
Alabama.....	-	1	-	-	-	-	2	-	-	2	-	27
Mississippi.....	-	-	-	-	-	1	1	-	1	1	-	2
WEST SOUTH CENTRAL...	3	3	1	1	-	21	12	-	18	11	1	39
Arkansas.....	-	-	-	-	-	1	1	-	1	1	-	2
Louisiana.....	-	-	-	1	-	2	-	-	1	-	-	11
Oklahoma.....	-	-	-	-	-	2	3	-	2	2	-	1
Texas.....	3	3	1	-	-	16	8	-	14	8	1	25
MOUNTAIN.....	-	1	3	-	-	5	11	-	3	6	-	-
Montana.....	-	-	1	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	1	-	-	1	-	-
Wyoming.....	-	-	-	-	-	-	2	-	-	2	-	-
Colorado.....	-	-	2	-	-	-	2	-	-	2	-	-
New Mexico.....	-	-	-	-	-	1	5	-	1	-	-	-
Arizona.....	-	1	-	-	-	4	1	-	2	1	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	9	21	4	-	-	9	3	-	5	3	-	9
Washington.....	2	2	-	-	-	3	-	-	3	-	-	3
Oregon.....	1	-	1	-	-	1	1	-	1	1	-	1
California.....	6	16	3	-	-	5	2	-	1	2	-	5
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	3	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	16

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 25, 1965 AND DECEMBER 19, 1964 (51st WEEK) - Continued

Area	Brucellosis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals			Cumulative			Cum.
	1965	1965	1965	1965	1965	1964	1965	1965	1964	1965	1965
UNITED STATES...	8	561	261	245	32,958	37,158	50	2,966	2,762	3	273
NEW ENGLAND.....	-	25	8	15	1,844	3,301	3	154	96	-	7
Maine.....	-	7	3	3	328	1,013	-	18	9	-	-
New Hampshire.....	-	2	1	1	169	261	-	9	2	-	2
Vermont.....	-	-	-	-	91	381	-	8	4	-	-
Massachusetts.....	-	9	3	6	731	759	3	59	40	-	4
Rhode Island.....	-	3	1	2	206	228	-	18	11	-	-
Connecticut.....	-	4	-	3	319	659	-	42	30	-	1
MIDDLE ATLANTIC.....	1	105	46	59	5,894	8,078	7	394	349	-	22
New York City.....	-	24	8	16	1,224	1,280	1	65	48	-	4
New York, Up-State.	-	30	12	18	2,204	3,512	5	117	106	-	7
New Jersey.....	-	16	4	12	1,063	1,320	-	103	109	-	2
Pennsylvania.....	1	35	22	13	1,403	1,966	1	109	86	-	9
EAST NORTH CENTRAL...	-	106	65	38	6,442	5,981	6	448	369	-	36
Ohio.....	-	39	23	16	1,748	1,571	2	123	96	-	3
Indiana.....	-	6	3	3	537	494	-	50	59	-	9
Illinois.....	-	6	-	6	1,195	1,141	1	119	99	-	17
Michigan.....	-	38	24	13	2,547	2,369	2	107	79	-	3
Wisconsin.....	-	17	15	-	415	406	1	49	36	-	4
WEST NORTH CENTRAL...	7	26	10	8	1,828	2,097	5	145	158	2	25
Minnesota.....	-	6	3	3	224	229	-	33	33	-	10
Iowa.....	4	8	4	4	589	432	1	13	9	-	4
Missouri.....	-	8	-	-	405	505	3	58	75	2	6
North Dakota.....	-	-	-	-	34	64	-	13	20	-	1
South Dakota.....	1	-	-	-	22	135	-	4	3	-	-
Nebraska.....	2	-	-	-	99	84	1	11	7	-	2
Kansas.....	-	4	3	1	455	648	-	13	11	-	2
SOUTH ATLANTIC.....	-	62	32	21	3,370	3,428	7	558	528	-	63
Delaware.....	-	6	4	1	93	78	-	11	7	-	-
Maryland.....	-	12	7	5	610	632	1	55	43	-	3
Dist. of Columbia..	-	-	-	-	50	70	-	11	17	-	-
Virginia.....	-	13	4	3	780	558	2	74	64	-	6
West Virginia.....	-	5	5	-	458	490	1	30	35	-	1
North Carolina.....	-	9	3	6	342	551	-	119	94	-	11
South Carolina.....	-	-	-	-	141	153	2	69	59	-	7
Georgia.....	-	2	2	-	120	112	-	63	87	-	10
Florida.....	-	15	7	6	776	784	1	126	122	-	25
EAST SOUTH CENTRAL...	-	52	17	13	2,346	2,519	1	230	209	-	34
Kentucky.....	-	25	1	2	853	878	1	88	70	-	8
Tennessee.....	-	20	12	8	799	895	-	72	66	-	12
Alabama.....	-	6	4	2	406	486	-	43	46	-	12
Mississippi.....	-	1	-	1	288	260	-	27	27	-	2
WEST SOUTH CENTRAL...	-	28	14	14	2,719	2,904	6	372	309	-	59
Arkansas.....	-	1	1	-	342	291	-	19	34	-	13
Louisiana.....	-	6	5	1	461	683	2	200	133	-	11
Oklahoma.....	-	-	-	-	55	132	-	22	16	-	1
Texas.....	-	21	8	13	1,861	1,798	4	131	126	-	34
MOUNTAIN.....	-	24	13	1	1,795	2,287	2	108	107	-	3
Montana.....	-	-	-	-	156	190	1	3	1	-	-
Idaho.....	-	3	-	-	199	345	1	14	5	-	-
Wyoming.....	-	1	1	-	55	93	-	6	5	-	-
Colorado.....	-	4	3	1	378	597	-	30	22	-	2
New Mexico.....	-	8	8	-	391	328	-	11	47	-	-
Arizona.....	-	7	-	-	379	492	-	21	8	-	1
Utah.....	-	1	1	-	221	191	-	18	8	-	-
Nevada.....	-	-	-	-	16	51	-	5	11	-	-
PACIFIC.....	-	133	56	76	6,720	6,563	13	557	637	1	24
Washington.....	-	6	3	3	515	661	-	47	48	-	-
Oregon.....	-	25	13	11	597	650	-	37	27	-	4
California.....	-	99	40	59	5,284	4,815	13	447	542	-	19
Alaska.....	-	-	-	-	235	313	-	18	7	-	-
Hawaii.....	-	3	-	3	89	124	-	8	13	1	1
Puerto Rico	-	18	16	2	1,377	995	-	11	36	2	59

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 25, 1965 AND DECEMBER 19, 1964 (51st WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
		Cumulative				Cum.		Cum.		Cum.
	1965	1965	1964	1965	1965	1965	1965	1965	1965	1965
UNITED STATES...	2,762	262,071	485,019	6,712	2	238	5	441	39	4,155
NEW ENGLAND.....	56	37,427	21,965	1,195	-	2	-	7	-	48
Maine.....	1	2,934	3,785	232	-	-	-	-	-	4
New Hampshire.....	-	383	854	18	-	-	-	-	-	5
Vermont.....	18	1,438	2,422	26	-	-	-	-	-	32
Massachusetts.....	17	19,485	7,153	272	-	2	-	3	-	2
Rhode Island.....	-	3,970	2,509	28	-	-	-	1	-	1
Connecticut.....	20	9,217	5,242	619	-	-	-	3	-	4
MIDDLE ATLANTIC.....	751	18,465	53,450	319	-	1	-	68	2	258
New York City.....	268	3,711	15,529	10	-	-	-	30	-	-
New York, Up-State.	30	4,461	13,120	239	-	1	-	16	2	242
New Jersey.....	297	3,874	12,357	45	-	-	-	7	-	-
Pennsylvania.....	156	6,419	12,444	25	-	-	-	15	-	16
EAST NORTH CENTRAL...	1,073	63,422	106,302	516	1	17	3	54	4	637
Ohio.....	84	9,246	20,197	60	-	-	2	12	1	339
Indiana.....	-	2,351	23,201	126	1	7	1	17	1	75
Illinois.....	155	4,197	16,773	62	-	7	-	12	-	91
Michigan.....	99	27,785	30,199	167	-	2	-	7	2	66
Wisconsin.....	735	19,843	15,932	101	-	1	-	6	-	66
WEST NORTH CENTRAL...	116	17,515	31,578	248	-	30	-	17	14	825
Minnesota.....	59	906	346	13	-	1	-	1	4	182
Iowa.....	21	9,307	23,745	45	-	-	-	2	2	227
Missouri.....	3	2,681	1,128	4	-	20	-	11	3	127
North Dakota.....	28	4,035	5,448	107	-	-	-	-	2	50
South Dakota.....	-	116	67	13	-	3	-	-	2	61
Nebraska.....	5	470	844	-	-	2	-	3	-	36
Kansas.....	NN	NN	NN	66	-	4	-	-	1	142
SOUTH ATLANTIC.....	244	27,012	40,447	691	-	35	1	81	2	538
Delaware.....	-	516	420	30	-	-	-	5	-	-
Maryland.....	33	1,293	3,450	196	-	-	-	21	-	27
Dist. of Columbia..	12	140	358	5	-	-	-	-	-	-
Virginia.....	14	4,294	13,015	209	-	9	-	9	1	327
West Virginia.....	84	14,827	9,952	50	-	-	-	3	-	27
North Carolina.....	1	416	1,267	20	-	8	-	16	-	3
South Carolina.....	29	1,219	4,302	26	-	3	-	9	-	3
Georgia.....	27	655	214	4	-	15	-	12	-	72
Florida.....	44	3,652	7,469	151	-	-	1	6	1	79
EAST SOUTH CENTRAL...	137	16,031	69,294	1,005	1	26	-	47	2	828
Kentucky.....	37	3,696	18,842	92	1	4	-	10	1	96
Tennessee.....	98	8,830	25,147	836	-	21	-	19	1	674
Alabama.....	2	2,356	18,533	66	-	1	-	10	-	16
Mississippi.....	-	1,149	6,772	11	-	-	-	8	-	42
WEST SOUTH CENTRAL...	76	32,111	73,855	382	-	97	-	60	12	683
Arkansas.....	-	1,194	1,155	-	-	66	-	15	1	98
Louisiana.....	2	131	122	1	-	8	-	11	2	88
Oklahoma.....	4	238	1,058	43	-	11	-	10	2	139
Texas.....	70	30,548	71,520	338	-	12	-	24	7	358
MOUNTAIN.....	146	20,968	21,544	1,208	-	16	-	33	1	96
Montana.....	10	3,911	4,059	79	-	4	-	1	1	6
Idaho.....	84	3,079	2,277	208	-	-	-	-	-	-
Wyoming.....	-	873	296	20	-	4	-	1	-	-
Colorado.....	18	6,007	3,424	477	-	-	-	1	-	9
New Mexico.....	2	693	1,137	169	-	-	-	13	-	21
Arizona.....	30	1,537	6,766	141	-	-	-	14	-	57
Utah.....	2	4,643	2,572	113	-	8	-	1	-	2
Nevada.....	-	225	1,013	1	-	-	-	2	-	1
PACIFIC.....	163	29,120	66,584	1,148	-	14	1	74	2	242
Washington.....	36	7,571	21,316	257	-	-	-	7	-	8
Oregon.....	33	3,502	8,997	22	-	5	-	8	-	9
California.....	91	13,785	34,198	758	-	9	1	58	2	223
Alaska.....	1	208	1,159	11	-	-	-	-	-	2
Hawaii.....	2	4,054	914	100	-	-	-	1	-	-
Puerto Rico	109	2,981	7,331	2	-	-	-	16	-	14

Week No. 51

Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 25, 1965

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	750	443	34	29
Boston, Mass.	248	152	6	5
Bridgeport, Conn.	38	26	4	1
Cambridge, Mass.	32	19	-	-
Fall River, Mass.	22	16	1	2
Hartford, Conn.	50	24	-	6
Lowell, Mass.	48	24	3	1
Lynn, Mass.	17	14	1	-
New Bedford, Mass.	38	23	2	-
New Haven, Conn.	52	23	-	2
Providence, R. I.	65	35	4	6
Somerville, Mass.	9	6	2	-
Springfield, Mass.	32	17	3	-
Waterbury, Conn.	31	16	1	6
Worcester, Mass.	68	48	7	-
MIDDLE ATLANTIC:	3,245	1,918	116	143
Albany, N. Y.	41	22	-	1
Allentown, Pa.*	36	23	2	1
Buffalo, N. Y.	160	103	8	9
Camden, N. J.	32	23	-	1
Elizabeth, N. J.	28	14	1	1
Erie, Pa.	49	33	4	3
Jersey City, N. J.	71	44	5	4
Newark, N. J.	89	36	1	14
New York City, N. Y.	1,669	990	58	63
Paterson, N. J.	44	27	2	1
Philadelphia, Pa.	501	284	11	24
Pittsburgh, Pa.	163	90	2	6
Reading, Pa.	51	35	5	2
Rochester, N. Y.	85	64	7	5
Schenectady, N. Y.	31	19	2	-
Scranton, Pa.	29	18	-	1
Syracuse, N. Y.	67	37	2	6
Trenton, N. J.	33	16	1	-
Utica, N. Y.	20	15	1	1
Yonkers, N. Y.	46	25	4	-
EAST NORTH CENTRAL:	2,533	1,430	99	122
Akron, Ohio	67	40	-	2
Canton, Ohio	32	21	2	1
Chicago, Ill.	805	434	39	42
Cincinnati, Ohio	127	86	2	6
Cleveland, Ohio	204	97	5	8
Columbus, Ohio	110	63	5	2
Dayton, Ohio	48	32	1	5
Detroit, Mich.	369	196	9	15
Evansville, Ind.	53	35	2	2
Flint, Mich.	53	25	2	6
Fort Wayne, Ind.	45	25	5	4
Gary, Ind.	30	12	3	4
Grand Rapids, Mich.	47	26	5	1
Indianapolis, Ind.	150	100	6	6
Madison, Wis.	25	11	-	2
Milwaukee, Wis.	122	75	2	5
Peoria, Ill.	37	18	2	4
Rockford, Ill.	29	21	-	-
South Bend, Ind.	35	27	5	2
Toledo, Ohio	99	59	4	3
Youngstown, Ohio	46	27	-	2
WEST NORTH CENTRAL:	748	467	19	39
Des Moines, Iowa	41	26	2	2
Duluth, Minn.	16	10	4	1
Kansas City, Kans.	28	11	1	5
Kansas City, Mo.	116	69	4	4
Lincoln, Nebr.	21	15	-	2
Minneapolis, Minn.	124	79	-	5
Omaha, Nebr.	60	45	1	2
St. Louis, Mo.	232	138	6	10
St. Paul, Minn.	73	50	-	5
Wichita, Kans.	37	24	1	3
SOUTH ATLANTIC:	1,038	520	44	60
Atlanta, Ga.	126	54	8	10
Baltimore, Md.	284	138	11	17
Charlotte, N. C.	19	9	1	2
Jacksonville, Fla.	63	32	4	7
Miami, Fla.	60	33	2	5
Norfolk, Va.	36	16	5	1
Richmond, Va.	76	43	1	4
Savannah, Ga.	23	8	1	2
St. Petersburg, Fla.	76	59	5	3
Tampa, Fla.	68	36	-	3
Washington, D. C.	181	80	4	5
Wilmington, Del.	26	12	2	1
EAST SOUTH CENTRAL:	478	252	36	31
Birmingham, Ala.	81	43	3	3
Chattanooga, Tenn.	21	10	-	1
Knoxville, Tenn.	24	16	1	1
Louisville, Ky.	112	61	18	4
Memphis, Tenn.	87	43	2	10
Mobile, Ala.	41	21	2	2
Montgomery, Ala.	42	24	4	1
Nashville, Tenn.	70	34	6	9
WEST SOUTH CENTRAL:	961	487	55	67
Austin, Tex.	35	20	4	-
Baton Rouge, La.	29	18	1	3
Corpus Christi, Tex.	18	8	-	2
Dallas, Tex.	152	82	6	9
El Paso, Tex.*	34	16	3	4
Fort Worth, Tex.	53	30	1	6
Houston, Tex.	136	53	7	9
Little Rock, Ark.	40	19	3	2
New Orleans, La.	171	74	6	12
Oklahoma City, Okla.	71	40	6	3
San Antonio, Tex.	111	63	5	6
Shreveport, La.	60	35	7	7
Tulsa, Okla.	51	29	6	4
MOUNTAIN:	408	244	28	22
Albuquerque, N. Mex.	47	21	3	3
Colorado Springs, Colo.	23	17	5	2
Denver, Colo.	125	84	4	9
Ogden, Utah	19	12	5	-
Phoenix, Ariz.	86	48	4	2
Pueblo, Colo.	14	10	-	1
Salt Lake City, Utah	48	28	4	2
Tucson, Ariz.	46	24	3	3
PACIFIC:	1,771	1,096	56	91
Berkeley, Calif.	19	15	-	-
Fresno, Calif.	48	22	2	3
Glendale, Calif.*	42	32	-	1
Honolulu, Hawaii	40	16	1	5
Long Beach, Calif.	57	38	1	2
Los Angeles, Calif.*	574	342	23	33
Oakland, Calif.	145	89	7	9
Pasadena, Calif.	45	35	-	1
Portland, Oreg.	106	64	2	5
Sacramento, Calif.	85	59	2	5
San Diego, Calif.	111	69	5	13
San Francisco, Calif.	224	128	3	9
San Jose, Calif.	34	22	1	1
Seattle, Wash.	143	92	4	2
Spokane, Wash.	49	38	2	1
Tacoma, Wash.	49	35	3	1
Total	11,932	6,857	487	604

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	627,661
All Causes, Age 65 and over	354,607
Pneumonia and Influenza, All Ages	25,391
All Causes, Under 1 Year of Age	36,844

EPIDEMIOLOGIC NOTES AND REPORTS

SALMONELLOSIS – New Jersey

(Continued from page 435)

Food histories indicated that three items were possible sources of infection, namely, turkey, turkey stuffing, and pickles and olives. Of these, the most probable was the turkey.

The turkey had been taken from a refrigerator to be stuffed on the evening of September 24 and thereafter put back in the refrigerator. It had been cooked on the morning of September 25, being roasted for 3 hours at 350°F. It was then left unrefrigerated on display in the front window of the caterers from about 3 p.m. to 9 p.m. after which it was again put in the refrigerator until 9:30 a.m. on September 26. It was sliced at 11 a.m. that day and brought to the party at about 12:30 p.m.

Cultures obtained from the host and hostess of the party both yielded a group B salmonella which was identified in the New Jersey State Laboratory as *Salmonella heidelberg*. All of the nine persons admitted to the two New York hospitals yielded cultures of group B salmonella, five of which were not serotyped; the four serotyped were identified as *Salmonella schottmulleri*. At the catering establishment both food handlers who had prepared the food for the party were asymptomatic. However, stool cultures were obtained from both and one of these yielded *Salmonella heidelberg*. The close relationship of these two strains of group B salmonella is of interest:

	Somatic Antigen	Flagellar Antigen Phase 1 and 2	
S. heidelberg	1.4.5.12	r	1.2
S. schottmulleri (para typhoid B)	1.4.5.12	b	1.2

There were no food residues available from the party but a sample of a frozen turkey from the same lot as the one served at the party was obtained from the catering service. This was negative for salmonella. In the kitchen of the catering establishment there were no violations of accepted sanitary procedures at the time of the inspection following the outbreak. The food handler who gave a positive culture of *S. heidelberg* was temporarily removed from work and not permitted to return until three successive negative stool cultures had been obtained.

There were no further outbreaks related to this catering establishment and all the persons affected at the party made a quick and complete recovery.

(Reported by William J. Dougherty, State Epidemiologist, New Jersey State Department of Health; and an EIS Officer).

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THE EDITOR
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NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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